

## **VPDES PERMITS**

## Threatened and Endangered Species Coordination

To:	Date Sent: 05/06/2016  Permit Number: VA0003077
Facility DuPont Teijin Films	Facility Location:
Contact: Jennifer Forstner	1 ucinty Docution.
Phone: 804-530-9844 Address:	USGS Quadrangle: Hopewell
3600 Discovery Drive	Latitude/Longitude: 37°21'01" -77°17'29"
Chester, VA 23836	
	Receiving Stream: James River
	Attachment A includes coordinates and additional information regarding the facility's outfalls.
Effluent Characteristics and Max Daily Flow: Outfall 001: 0.47 MGD (average of the monthly maximum flows over past four years), which receives discharges from an industrial wastewater treatment plant, a sanitary wastewater treatment plant, stormwater runoff, cooling tower blowdown, steam boiler blowdown, and fire tank suppression water.	See attached map depicting facility location.
Outfalls 002, 003, 004, and 901 (001 during storm events): Discharges of industrial stormwater runoff	

## **Attachment A**

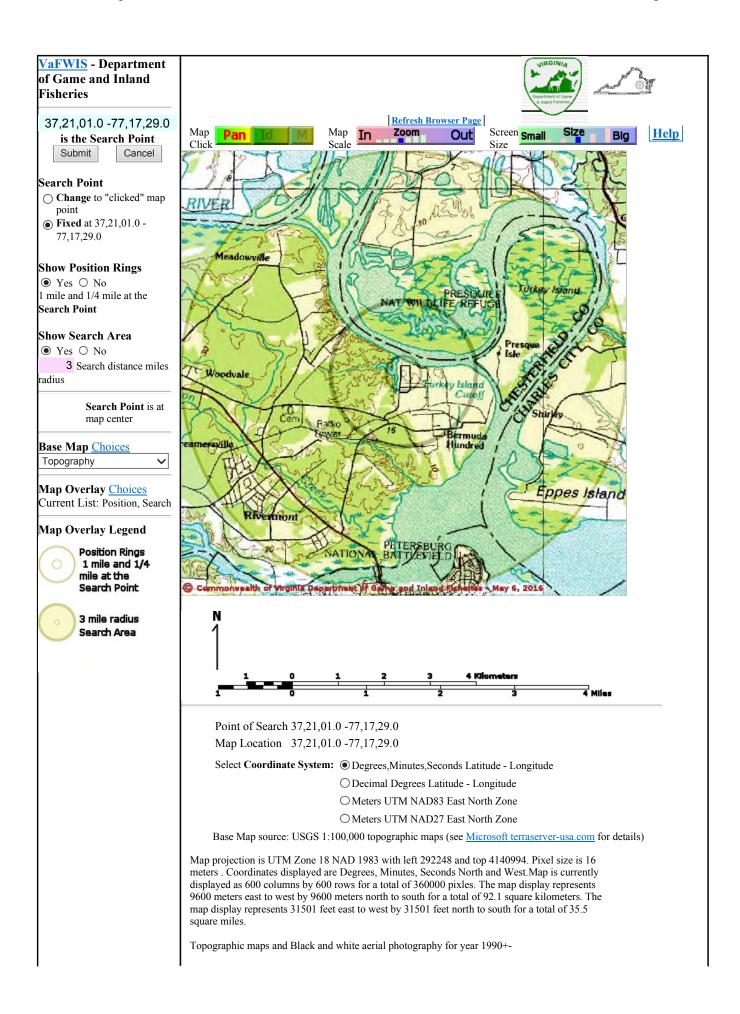
## **Outfall Coordinates**

OUTFALLS	001	002	003	004	901
Receiving Stream	James River				
Lat/Lon	37° 21' 05" -77° 17' 32"	37° 21' 04" -77° 17' 33"	37° 21' 08" -77° 17' 30"	37° 21' 08" -77° 17' 30"	37° 21' 05" -77° 17' 32"

Discharge and Treatment Descriptions

OUTFALL NUMBER	DISCHARGE SOURCE	TREATMENT UNITS
001	Cooling Tower Blowdown, Steam Boiler Blowdown, Rainwater Runoff, Cooling Water (IWWTP), Miscellaneous Flows (including chilled water), and Outfalls 101 and 102	pH adjustment
901	Outfall 001 during wet weather events	None
101	Internal Outfall- Industrial Wastewater Treatment Plant (IWWTP): process water and annual GW monitoring rinse and purge water.	Flow equalization, extended aeration activated sludge, sedimentation and multimedia filtration
102	Internal Outfall- Sanitary Wastewater Treatment Plant (SWWTP)	Screening, flow equalization, extended aeration activated sludge, sedimentation and chlorine disinfection.
002	Rainwater Runoff	NA (normally to 001)
003	Rainwater Runoff, Cooling Tower Blowdown, Steam Boiler Blowdown, and Fire Water from weekly diesel checks	NA (normally to 001)
004	Rainwater Runoff	Settling of storm water runoff in ponds before discharge.

VaFWIS Map Page 1 of 2



VaFWIS Map Page 2 of 2

are from the United States Department of the Interior, United States Geological Survey.

Color aerial photography aquired 2002 is from Virginia Base Mapping Program, Virginia
Geographic Information Network.

Shaded topographic maps are from TOPO! ©2006 National Geographic
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map assembled 2016-05-06 08:36:58 (qa/qc March 21, 2016 12:20 - tn=727848 dist=4827

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